

Fig. 1

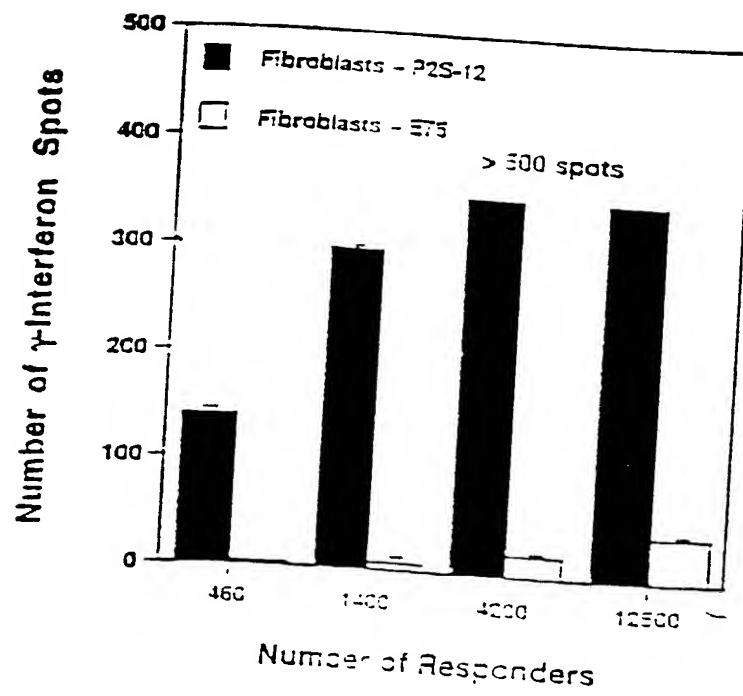


Fig. 2A

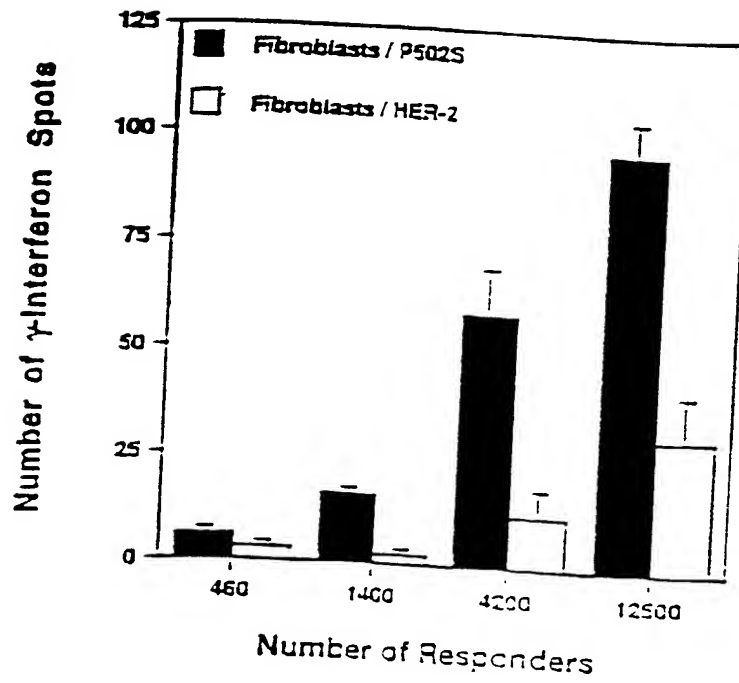


Fig. 2B

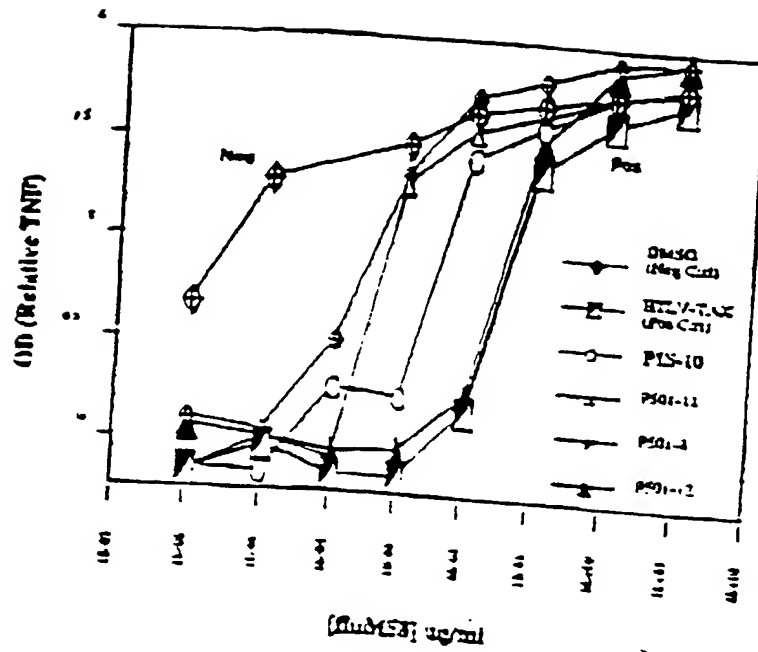


Fig. 3

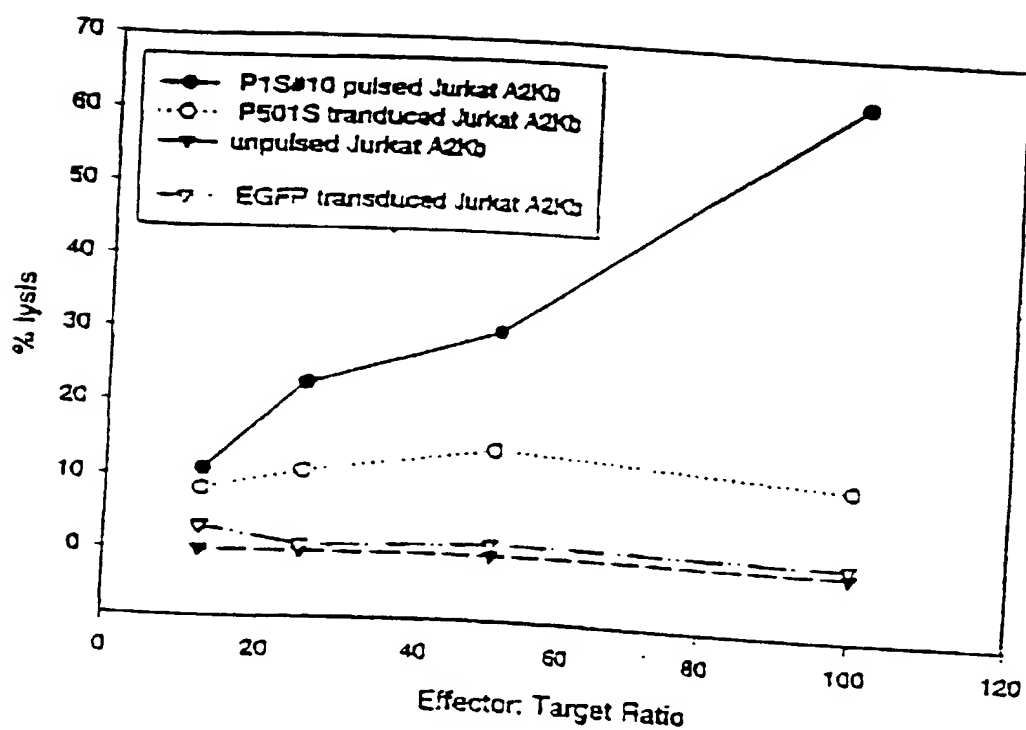


Fig. 4

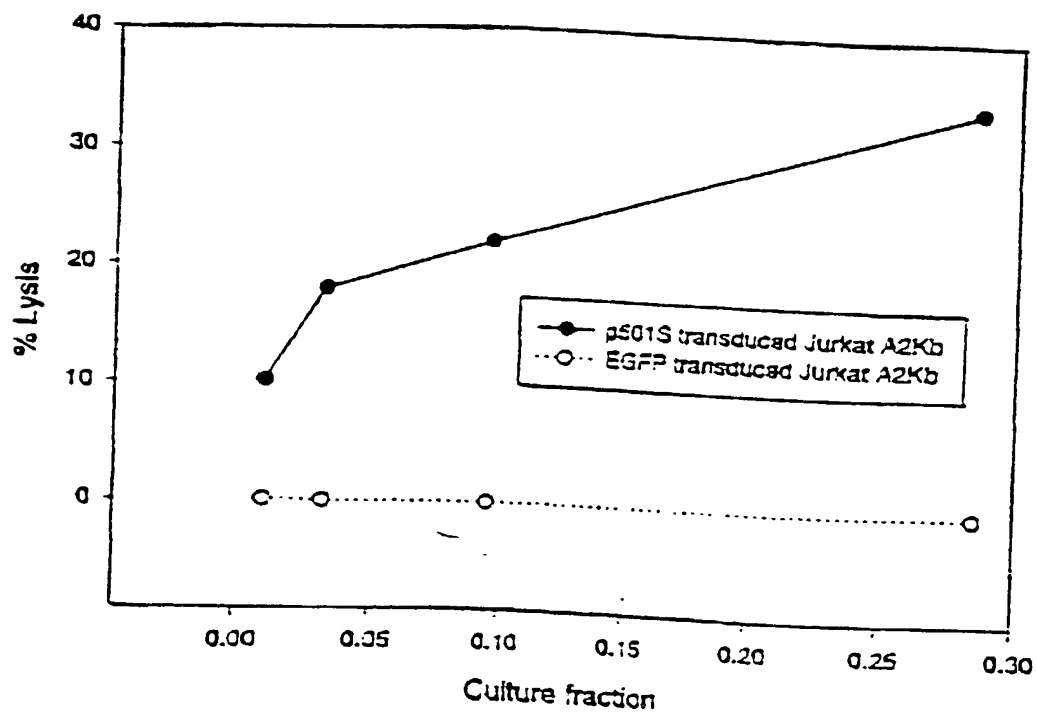


Fig. 5

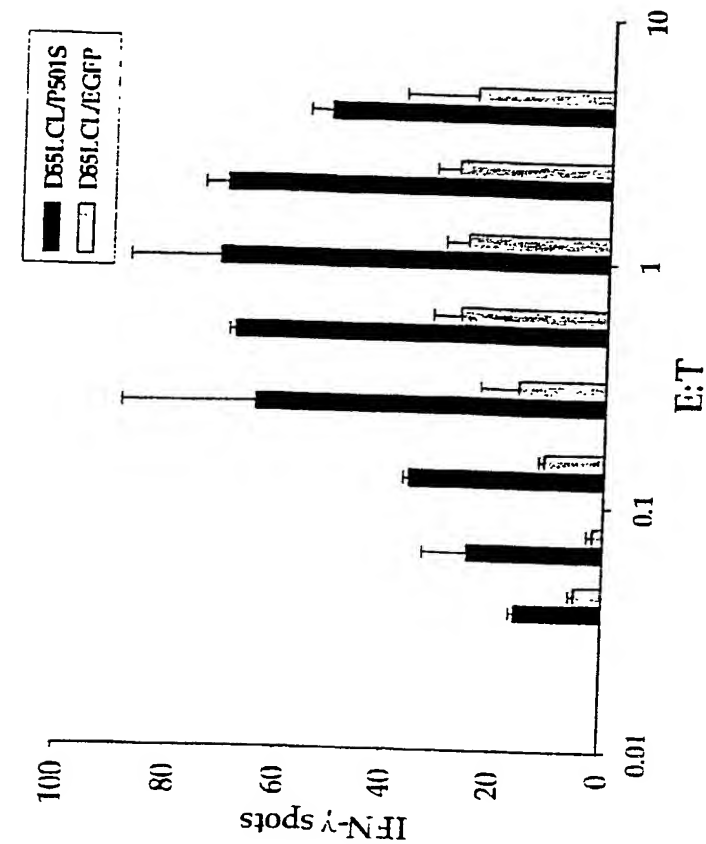


Fig. 6B

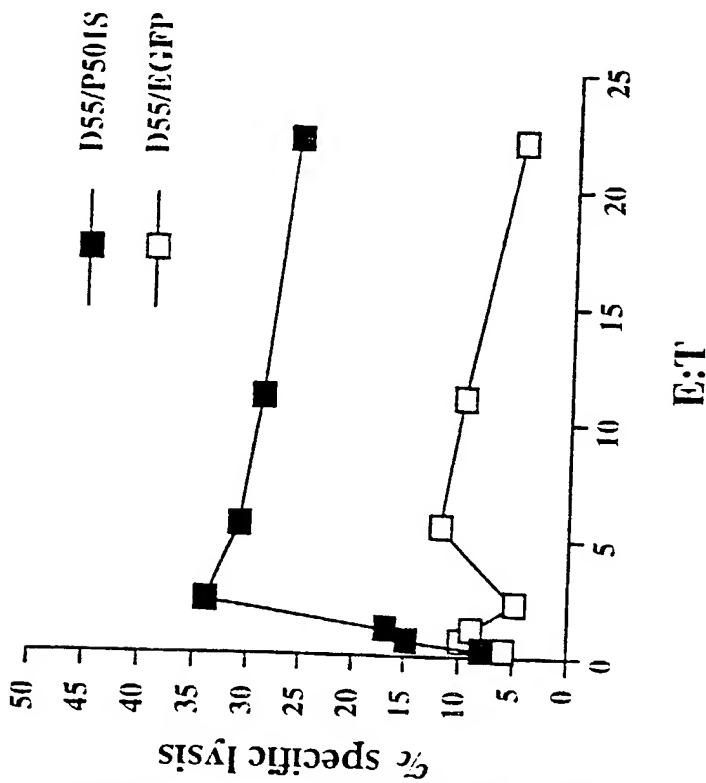
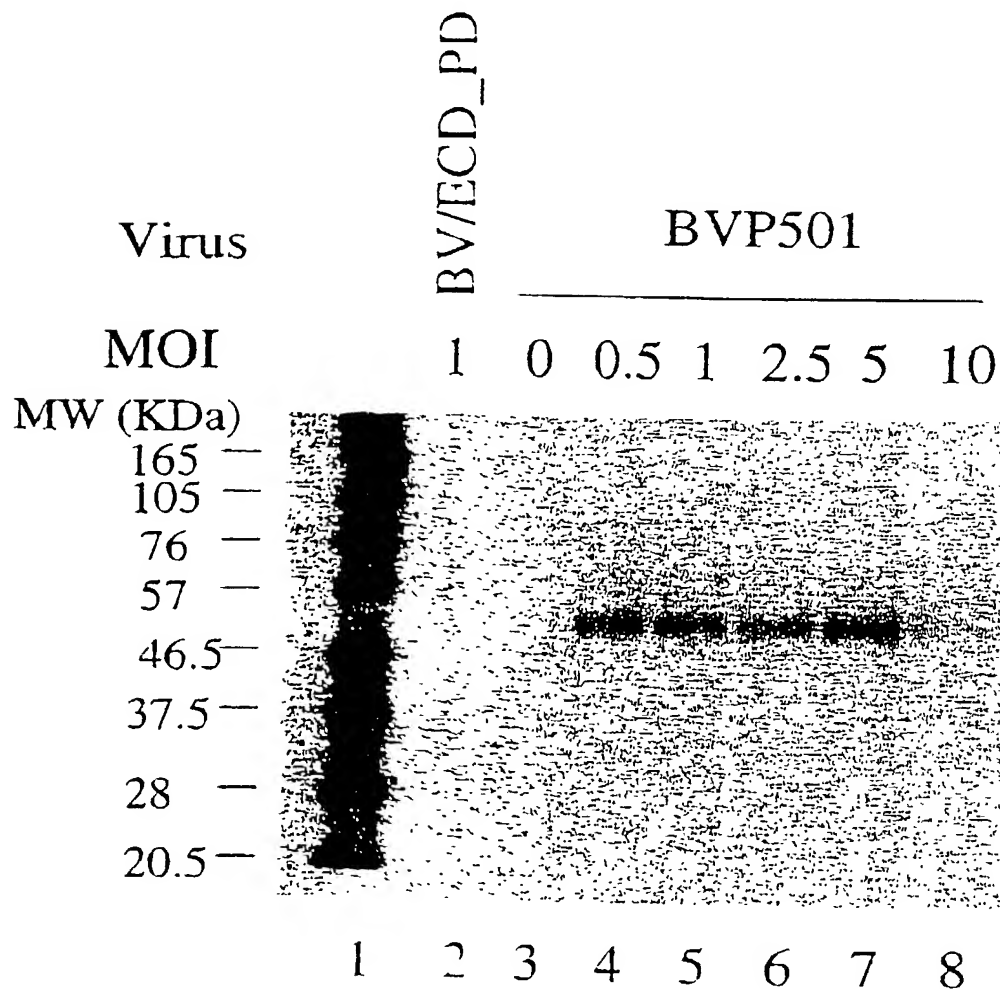


Fig. 6A

# Expression of P501S by the Baculovirus Expression System



0.6 million high 5 cells in 6-well plate were infected with an unrelated control virus BV/ECD\_PD (lane 2), without virus (lane 3), or with recombinant baculovirus for P501 at different MOIs (lane 4 – 8). Cell lysates were run on SDS-PAGE under the reducing conditions and analyzed by Western blot with a monoclonal antibody against P501S (P501S-10E3-G4D3). Lane 1 is the biotinylated protein molecular weight marker (BioLabs).

Fig. 7





# Figure 1. Schematic of P501S with predicted transmembrane, cytoplasmic, and extracellular regions

MVQRLWVSRLLHRK AQLLLVNLLTGLEVCLAAGIT YVPILLIEVGVEEKFM TMVLGIGPVGLVCVPLILGSAS  
DIWRGRYGRRRP FIWALSGILLSFLIPRAGWL AGILLCPDPRPIE LAIIILGVGLIDFCGQVCFTPL  
FALLSDLFRDPDHCRCQ AYSVYAFMSISLGGCIGYLIIPAI DWDTSALAPVLGTQEE  
CLFGILLTLIELTCVAAATILY AFEAAIGPTEPAEGLSAPSISPHCCPCRARLAFRNLGALLPRL  
IQQLCCRMPTLRR LEVAELCSWMALMIFTLFYTDF VGEGLYOGVPRAPPGTEARRHIYDEGVR  
MGSLGLFLLOCAISLVFSLVM DRLVQRFGTTRAVYLAS VAAFPVAAGATCLSHSVAVVTA SAA  
LTGFTFSALQILPYTLASLY HREKQVFLPKYRGDTGGASSEDSLMTSFLPGPKPGAPFPNGHIVGAGGSGL  
LPPPPALCGASACDVSVRVVVGEPTEARVVPGRG ICILDALDSAFLLSQVAPSLF MGSIVQLSQS  
VTAYMVSAAGLGLVAIFYAT QVVFDKSDLAKYSA

Underlined sequence: Predicted transmembrane domain; **Bold sequence:** Predicted extracellular domain;

*Italic sequence:* Predicted intracellular domain. Sequence in bold/underlined: used to generate polyclonal rabbit serum

Localization of domains predicted using HMMTOP (G.E. Tusnady and I. Simon (1998) Principles Governing Amino Acid Composition of Integral Membrane Proteins: Applications to topology Prediction. J. Mol Biol. 283, 489-506.

# Genomic Map of (5) Corixa Candidate Genes

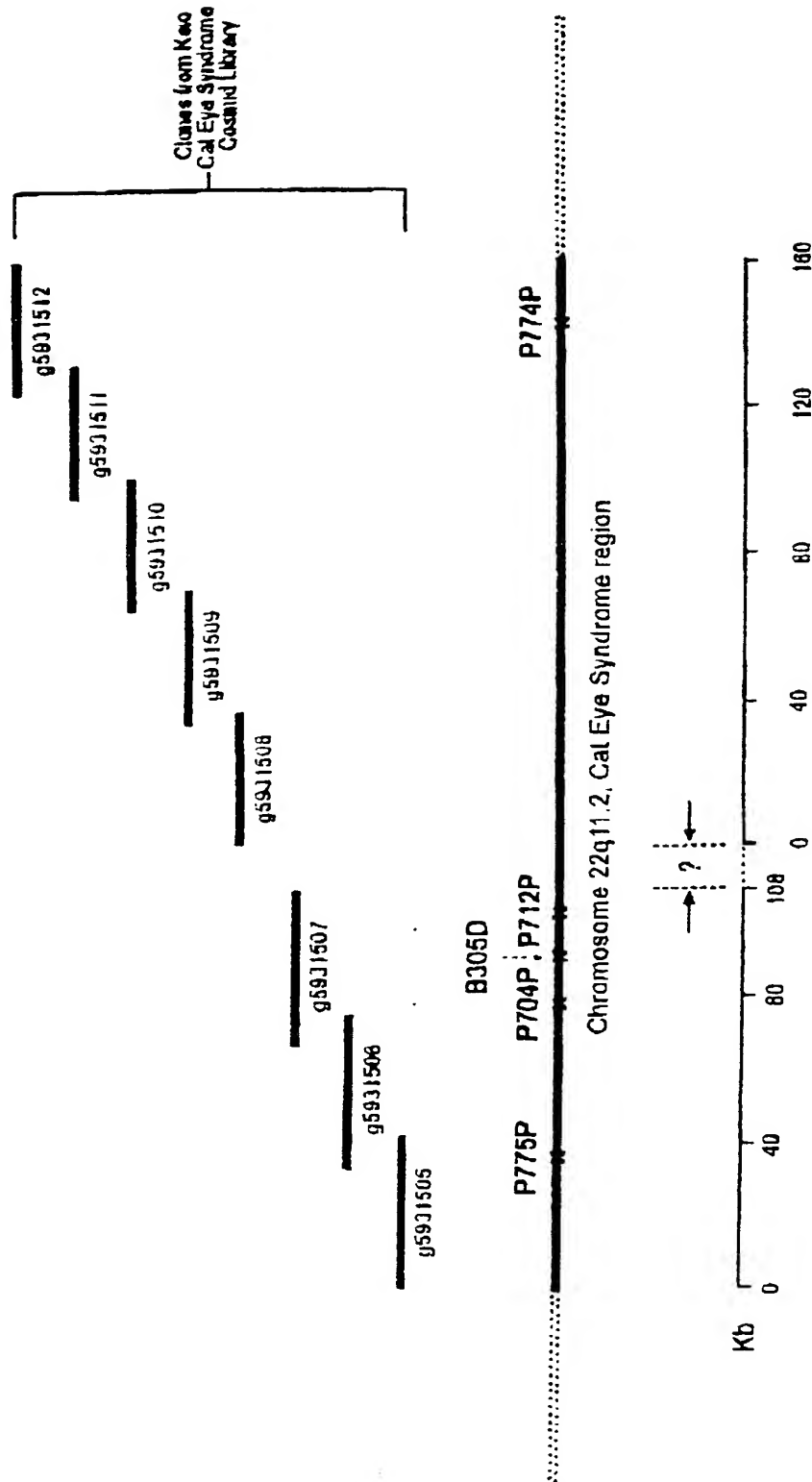


Fig. 10

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11  
**FIGURE 4. Elisa assay of rabbit polyclonal antibody specificity**

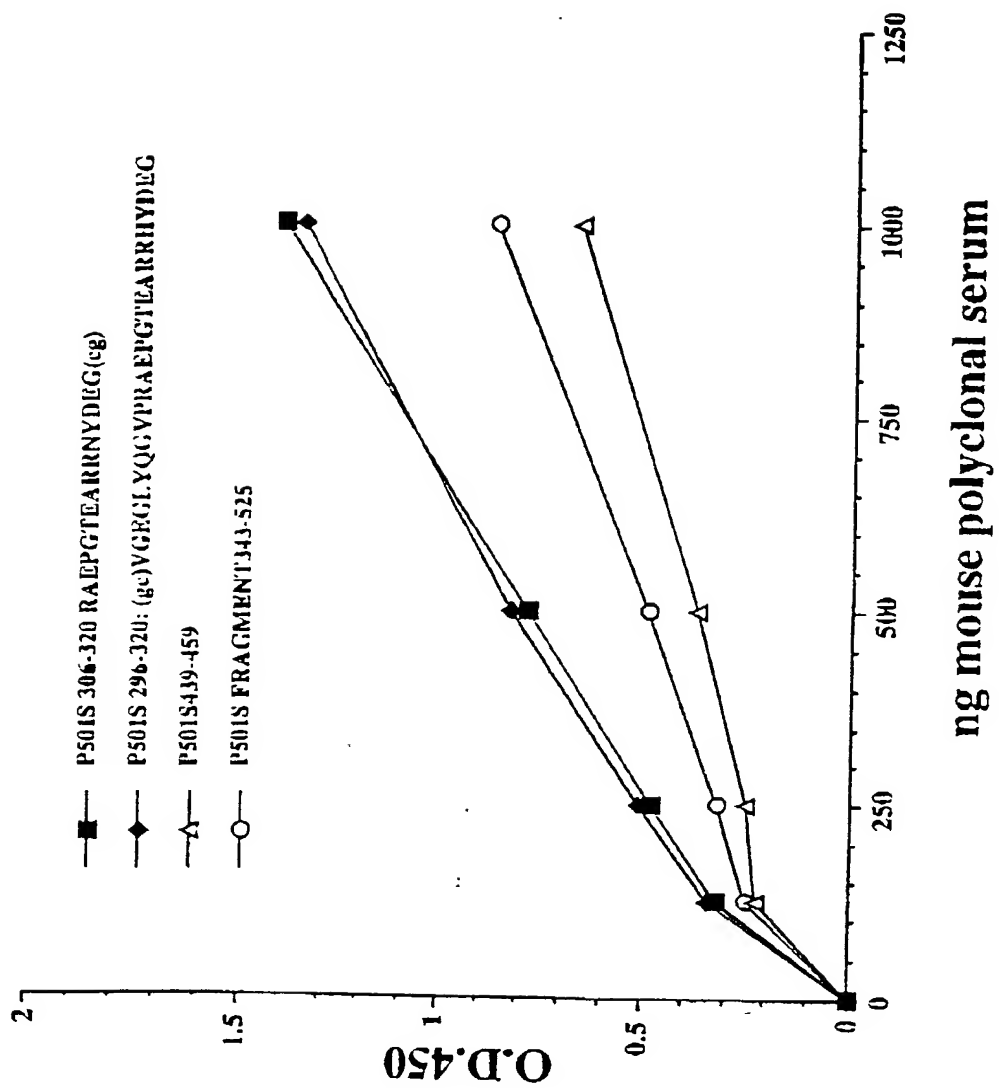


Fig. 11

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